

## **ANNEX D.**

### **LIST OF ACRONYMS**

**API** – American Petroleum Institute

**ASHRAE** – American Society of Heating, Refrigerating and Air-Conditioning Engineers

**AWEA** – American Wind Energy Association

**BEAMS** – a building energy simulation model

**CALPAS** – a building energy simulation model

**CBECS** – Commercial Building Energy Consumption Survey

**CCSP** – Climate Change Science Program

**CCTP** - Climate Change Technology Program

**CDM** – Clean Development Mechanism

**CEPA** – California Environmental Protection Agency

**CO<sub>2</sub>** - carbon dioxide

**CRIEPI** – Japanese Central Research Institute of Electric Power Industry

**DD-NEMS** – an energy system model based on NEMS (see below)

**DOC** – U.S. Department of Commerce

**DOE** - U.S. Department of Energy

**DOE-2** - building energy simulation software

**DOI** – U.S. Department of the Interior

**DOT** – U.S. Department of Transportation

**EIA** - Energy Information Administration

**EPA** – Environmental Protection Agency

**EPRI** – Electric Power Research Institute

**FEDS** – a building energy simulation model

**GCM** – General Circulation Model of the earth's atmosphere

**GHG** – greenhouse gas(es)

**GOM** – Gulf of Mexico

**GW** - gigawatt

**GWh** – gigawatt/hour

**HADCM3** – Hadley Center Coupled GCM Model, Version 3

**HDD** – heating degree days

**CDD** – cooling degree days

**HVAC** – heating, ventilating, and air conditioning

**ICF** – an international consulting firm in Washington, DC

**IEA** – International Energy Agency

**IPCC** – Intergovernmental Panel on Climate Change

**ITC** – investment tax credit

**JIP** – Joint Industry Program

**LNG** - liquefied natural gas

**MMS** – U.S. Minerals Management Service

**MW** – megawatt

**NACC** - U.S. National Assessment of Implications of Climate Variability and Change

**NARUC** - National Association of Regulatory Utility Commissioners

**NCAR** – National Center for Atmospheric Research

**NEMS** - National Energy Modeling System (Energy Information Administration)

**NGCC** – natural gas combined cycle

**IGCC** – integrated gasification combined cycle

**NOAA** – National Oceanic and Atmospheric Administration

**NRC** – Nuclear Regulatory Commission

**NREL** – National Renewable Energy Laboratory

**NSTC** – National Science and Technology Council

**ORNL** – Oak Ridge National Laboratory

**PAD** – Petroleum Administration for Defense

**PCM** – parallel climate model

**PTC** – production tax credit

**PV** – photovoltaic

**RECS** – Residential Energy Consumption Survey

**RGGI** – Regional greenhouse gas initiative

**SAP** – Synthesis and Assessment Product

**SAP 4.5** – Synthesis and Assessment Product 4.5 (this document)

**TRU** – Trailer Refrigeration Units

**USDA** - U.S. Department of Agriculture

**USGS** - U.S. Geological Survey

**WWF** - World Wildlife Fund